

Patent Claims:

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1. -13. Canceled

14. (New) A pressure control valve with a valve tappet guided in a valve housing, which tappet presents at least a first valve closing element for disconnecting or connecting a first pressure medium connection from or to a second pressure medium connection, with a valve seat turned toward the first valve closing element, as well as with a magnet armature actuating the valve tappet and with a valve coil arranged on the valve housing, wherein the armature is arranged movably inside the valve coil, and with an independently operable valve seat member (5), which is fixed in the valve housing by means of a centering element (7) which guides the valve tappet (6), wherein the valve seat (4) is arranged inside the valve seat member (5).

15. (New) The electromagnetic valve according to claim 14, wherein the centering element (7) is held in the valve housing.

16. (New) The electromagnetic valve according to claim 14, wherein the centering element (7) presents a valve seat surface (10) and, to guide the valve tappet (6), a centering opening (11), and wherein, beside being provided with the centering opening (11), the centering element (7) is perforated by at least one passage (12), which can be closed by means of a second valve closing element (13), which is applied on the valve tappet (6) and can be applied on the valve seat surface (10) of the centering element (7), in the direction of a third pressure medium connection (3)

17. (New) The electromagnetic valve, according to claim 16, wherein the second valve closing element (13) is designed as a plate-shaped seat valve.

18 (New) The electromagnetic valve according to claim 17, wherein the second valve closing element is manufactured from a thin sheet metal which is

pressed on the valve tappet (6).

19. (New) The electromagnetic valve according to claim 14, wherein the valve housing consists of a first and a second housing part (8, 9), where the first housing part (8) is designed as a housing pot which can be manufactured by the deep drawing method, into which pot the valve seat member (5) and the centering element (7) are pressed.

20. (New) The electromagnetic valve according to claim 19, wherein the first housing part (8) is attached by means of a press connection to the second housing part (9), which is designed to receive a magnetic armature (14) as a tubular part, which presents a collar (15), against which the first housing part (8) is applied.

21. (New) The electromagnetic valve according to claim 19, wherein a filter pot (24), which is provided with a ring filter fabric, is pressed onto the first housing part (8) where, on the floor of the filter pot (24), a pin (25) is arranged, which closes a stepped bore (26), arranged in the middle of the valve seat member (5), into which stepped bore the first valve closing element (27) is inserted.

22. (New) The electromagnetic valve according to claim 21, wherein above the pin (25) a transverse duct (28) opens into the stepped bore (26), which transverse duct is connected with the first pressure medium connection (1), which opens radially into the wall of the first housing part (8).

23. (New) The electromagnetic valve according to claim 21, wherein the second pressure medium connection (2) extends, as a longitudinal duct eccentrically through the floor of the filter pot (24) as well as through the floor of the valve seat member (5) into the cavity of the centering element (7) and from there it is connected, as a function of the position of the two valve closed elements (13, 27) to the first and/or to the third pressure medium connection (1, 3).

24. (New) The electromagnetic valve according to claim 14, wherein the magnetic armature (14) is designed as a hollow cylinder, into which a magnetic armature sleeve (16) is pressed, which sleeve protrudes with its ends on both sides of the front surfaces of the magnetic armature (14).

25. (New) The electromagnetic valve according to claim 24, wherein one sleeve end presents an abutment (17) for receiving the valve tappet (6), and wherein, on the side of the abutment (17), which side is turned away from the valve tappet (6), a compression spring (18) rests, which is arranged inside the magnetic anchor sleeve (16) and which is acted upon by an adjusting sleeve (21), which is adjusted in the yoke ring (19) of the valve coil (20).

26. (New) The electromagnetic valve according to claim 25, wherein the yoke ring (19) consists of a sheet metal part which has been manufactured by the deep drawing method, which is put over the external circumference of the valve coil (20), and which is fastened in the inwardly crimped area to a pipe (22), which extends between the valve coil (20) and the magnetic armature (14).

27. (New) The electromagnetic valve according to claim 26, wherein for reaching a ground position of the magnetic armature (14), the pipe (22) comprises a stepped section (23) with expanded diameter on which the magnetic armature sleeve (16) rests.